

Progress Report Sounder Program



Construction at Mukilteo Sounder Station.

December | 2013



Program Summary

Scope: The Sounder Commuter Rail program provides commuter rail service to 12 stations along an 83-mile corridor, between Everett in Snohomish County and Lakewood in Pierce County. The Sounder capital projects are grouped within three segments of the corridor: Everett-to-Seattle, Seattle-to-Tacoma, and Tacoma-to-Lakewood. BNSF owns the rail road line between Everett and Tacoma. Sound Transit owns the rail line between Tacoma and Lakewood.

With the voter approval of Sound Transit 2 (ST2) system-wide program elements, including station access improvements and a Sounder Yard and Shops facility are being planned. Sound Transit is also implementing system-wide positive train control as required by federal mandate.

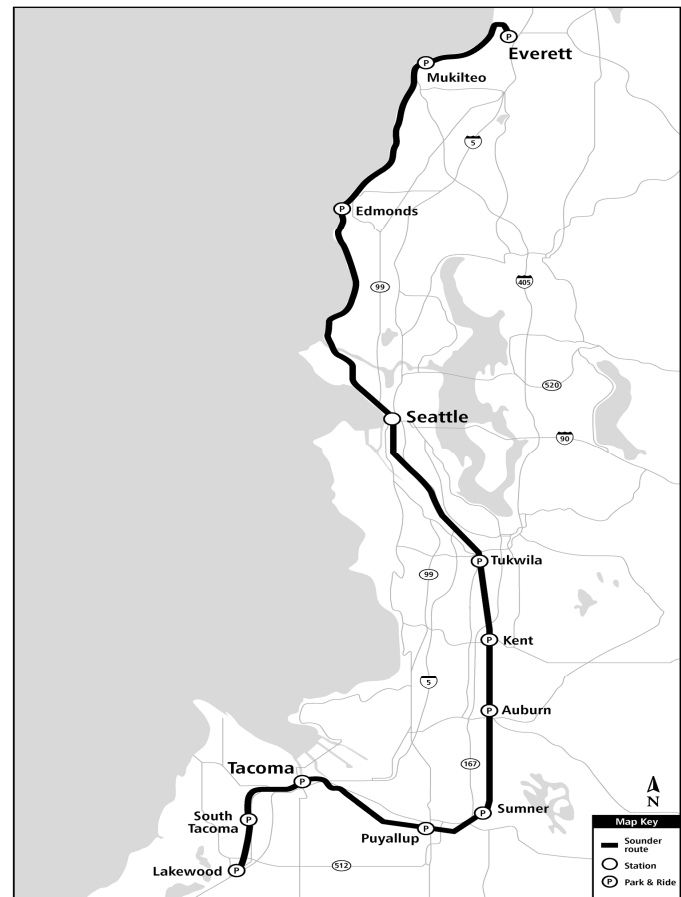
Program Lifetime Budget (2013): \$668M (excludes design/construction elements for ST2 system-wide enhancements)

Schedule: Service is fully implemented between Everett and Lakewood at 12 stations.

In Service: Four daily round-trips between Everett and Seattle with service at stations in Everett, Mukilteo, Edmonds and Seattle; ten daily round-trips between Seattle and Tacoma with service at stations in Tacoma, Puyallup, Sumner, Auburn, Kent, Tukwila and Seattle (Six of these ten trips include service to South Tacoma and Lakewood). Four additional round-trips between Seattle and Tacoma were approved with the passage of ST2; one of these round trips began in September 2013; the schedule for the remaining trips is being developed.

Program Overview

Everett-to-Seattle: Sound Transit has constructed three commuter rail stations and purchased right-of-way easements for peak commuter rail service for four round-trips and special-event service for weekend sports and community events on BNSF's rail corridor. Sound Transit funded construction of track capacity and improvements to the signaling, control systems and road crossings, these improvements were completed by BNSF. Projects remaining to be completed in this corridor include the construction of the final environmental mitigation measures for track improvements and the South Platform of the Mukilteo Station. Environmental mitigation was completed in 2013; the Mukilteo South Platform is scheduled to be completed in 2014.



Sounder provides commuter rail service between Everett and Lakewood

Seattle-to-Tacoma: Sound Transit constructed seven commuter rail stations and offers peak commuter rail service for nine round-trips, and special-event service for weekend sports and community events. Sound Transit funded construction of track capacity and improvements to the signaling, control systems and road crossings, these improvements were completed by BNSF. Sound Transit constructed a new rail segment between Reservation Junction on the BNSF line and the Tacoma Dome Station. Procurement of perpetual use easements for three additional round-trips between Seattle and Tacoma were finalized and a deposit paid on a fourth easement. Projects remaining to be completed in this corridor include construction of the Tukwila Station and track improvements to support the additional train service identified in ST2.

Tacoma-to-Lakewood: Sound Transit constructed two stations and track and signal systems for peak commuter rail service for five round-trips, and special-event service for weekend sports and community events.

Program Overview, continued

System-Wide: With the passage of ST2, the voters approved system-wide enhancements including improvements to station access and the development of a maintenance base for Sounder vehicles. Access improvements are under construction at Lakewood Station; planning is being initiated for access enhancements at the Puyallup and Sumner Stations.

In addition, Sound Transit has procured the contracts for the design, install, testing, and commissioning of a system-wide positive train control system. Positive train control is expected to be fully implemented as required by federal mandate by 2015.

Key Program Issues

- Potential environmental mitigation requirements for Easement for Sounder South Expanded Service may impact project scope, schedule, and budget.

Program Cost Summary

Program cost information by project phase is summarized below. Lifetime budgets reflect the Adopted 2013 phase level budgets; for ST2 projects, the lifetime budget includes funding only for project phases that have been approved by the Board of Directors. For example, the Sounder Yard and Shops project is funded only through preliminary engineering; approval for the final design and construction budgets will be requested upon completion of preliminary engineering and refinement of cost estimates.

(Table figures in thousands. Variances are due to rounding.)

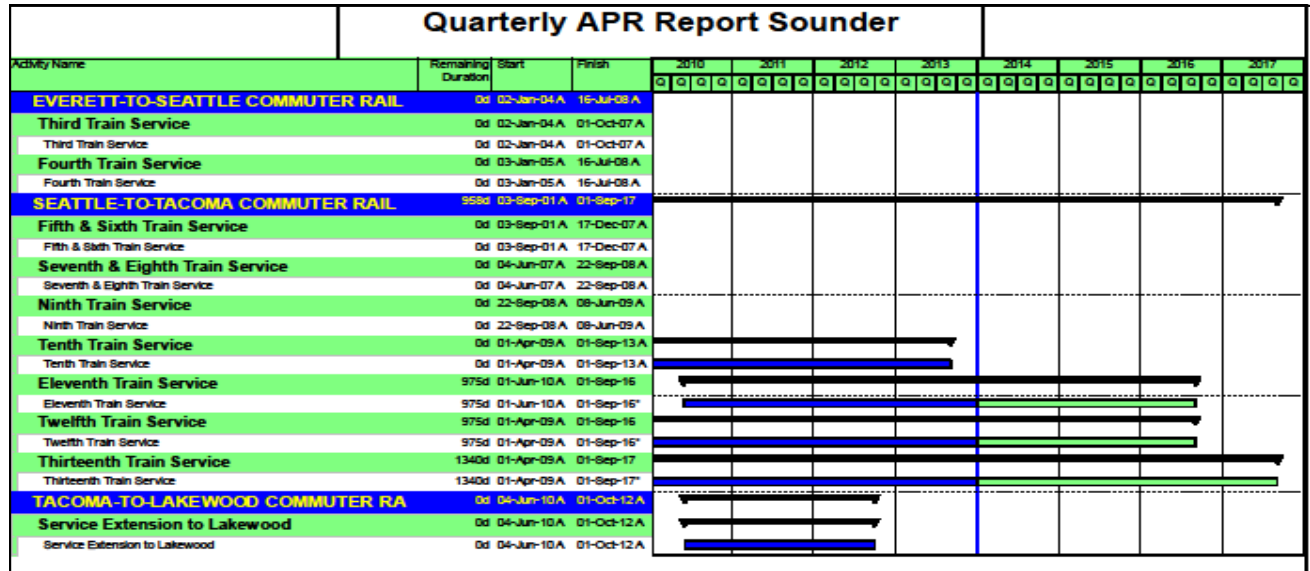
Phase	Lifetime Budget*	Commitment to Date	Incurred to Date
Administration	\$ 33,466	\$ 21,706	\$ 22,546
Preliminary Engineering	\$ 18,307	\$ 14,185	\$ 11,222
Final Design	\$ 8,445	\$ 5,746	\$ 3,336
Third Party Agreements	\$ 50,894	\$ 46,222	\$ 37,487
ROW Acquisition & Permits	\$ 279,281	\$ 264,905	\$ 264,521
Construction	\$ 246,009	\$ 225,172	\$ 185,909
Construction Management Services	\$ 12,491	\$ 10,643	\$ 6,449
Vehicles	\$ 17,907	\$ 17,906	\$ 17,906
Start-up & Testing	\$ 1,084	\$ 1,119	\$ 1,030
Contingency	\$ 631	\$ -	\$ -
Program Total	\$ 668,516	\$ 607,603	\$ 550,406

*Excludes closed projects; for ST2 projects budget represents approved phases only.

There were no significant variances compared to prior reporting period.

Program Schedule Summary

Construction of the remaining environmental mitigation measures in the Everett to Seattle corridor is expected to be completed in 2013; construction of the Mukilteo Station South Platform and Tukwila Station is scheduled to be completed in 2014. Expanded service milestones in the south corridor are scheduled to be completed by 2017.



Schedule Variance

An updated project schedule is maintained for each Sounder project. The updated schedules reflect changes compared to the baseline.

Sound Transit Board Actions

Board Action	Description	Date
Motion M2013-92	Authorizing the chief executive officer to execute a Construction and Maintenance Agreement with the Washington State Department of Transportation for construction funding for the Tukwila Commuter Rail Station.	10/24/13
Motion M2013-113	Authorizing the chief executive officer to assign a contract previously executed with Wabtec Corporation to its subsidiary Xorail, Inc. for the design and installation of a Positive Train Control system on Sounder vehicles and Sound Transit-owned rail right of way in the amount.	12/19/13

Third-Party Agreements

Seattle-to-Tacoma

FRA / WSDOT

The Board of Directors has approved a \$7.8 million construction and maintenance funding agreement for Tukwila Station. This agreement between Sound Transit and provides grant funding for a portion of the station construction and continued use of the station by Amtrak Cascades service. Draw-down on the grant funding will commence in 1Q 2014.

Tacoma-to-Lakewood

WSDOT / Amtrak / FRA

Negotiations continue for a Service Outcomes Agreement (SOA) and Stakeholder Agreement for investment of High-Speed Passenger Rail grant money into the corridor. The SOA will capture Sound Transit's commitment to continued maintenance and operation of the corridor, and the Stakeholder Agreement will provide funding to be applied to the recent completed construction on the D Street-to-M Street project and the State's Defiance Bypass project. Agreements between FRA and WSDOT, completion of the WSDOT NEPA documentation for the by-pass project and three-way negotiations with WSDOT, Amtrak, and Sound Transit continue to delay the completion of the SOA.

City of Tacoma

Sound Transit has negotiated the transfer of surplus properties acquired for the D Street-to-M Street project not needed for Sounder operations to the City of Tacoma. The transfer will occur as part of the purchase and sale agreement for the Tacoma Trestle Replacement Project. The surplus and purchase actions have been approved by the Sound Transit Board. The City has held a public hearing on the transaction and final action will occur in January 2014.

Construction Safety

Currently there are two Agency-led construction contracts for the Sounder program:

- Tukwila Station
- Mukilteo Station, South Platform

No accidents or incidents were reported during the 4th quarter 2013.

Quality Assurance

Quality Assurance continues to support the Sounder program through review of design and construction documents and periodic audits of projects in design, construction, and operations.

Description	4th Quarter 2013	Notes
Audits/ Surveillances Performed	2 Audits 0 Surveillances	Amtrak SCR SSPP Elements 1-9,15,22 BNSF SCR SSPP Elements 1-9,15,22
Audits/ Surveillances Reports Issued	0 Audits 0 Surveillances	None
Reports in Progress	2 Reports	Amtrak SCR SSPP Elements 1-9,15,22 BNSF SCR SSPP Elements 1-9,15,22
Audits/ Surveillances Rescheduled	0 Audits 0 Surveillances	None

Scope Overview

Sound Transit has purchased four additional commuter rail easements from BNSF for expanding service between Seattle and Lakewood. A number of track and signal improvements are needed between Seattle and Tacoma to accommodate additional service. BNSF is currently completing design of improvements and intends to incrementally complete construction as additional service is added. Additional round trips are planned for 2016 and 2017.



Additional morning and evening service between Seattle and Lakewood to be fully implemented by 2017

Schedule

	Start	Finish
Prelim Engineering	Oct 2010	Mar 2012
Final Design	Aug 2011	TBD
Construction	TBD	Sep 2017

Scope/Schedule/Budget Variance

None to report at this time.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
ESA Adolfson	\$298	PE

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$5,650	\$853	\$853
Preliminary Engineering	\$1,007	\$325	\$314
Final Design	\$400	\$0	\$0
Third Party Agreements	\$5	\$0	\$0
ROW Acquisition and Permits	\$186,485	\$185,189	\$185,181
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$421	\$0	\$0
Project Total	\$193,968	\$186,367	\$186,348

Key Activities

Current Quarter

- Continued coordination with King County regarding use of their In-lieu Fee program for sensitive area mitigation.
- Issued public notice for Easement 4.
- Worked with Corps to address comments.

Next Quarter

- Begin a draft Archaeological Monitoring Plan and Archaeological Survey for FTA's review and approval.
- Finalize the Alternative Analysis report.
- Submit alternatives analysis to Corps.
- Conduct site visit with permitting agencies.

Closely Monitored Issues

Scope, Schedule, and Budget may be impacted by:

- Negotiation with permitting agencies on mitigation for wetland and stream impacts.
- Issuance of environmental permits.
- Potential for additional mitigation and associated NEPA environmental documentation.

Sounder Commuter Rail Station Access and Demand Study



Scope Overview

A number of alternatives to improve access to Sounder stations located in Mukilteo, Kent, Auburn, Sumner, Puyallup, Tacoma Dome, South Tacoma, and Lakewood were identified through the Station Access and Demand Study. Additional elements of this study included ridership and traffic analysis, environmental scan, alternatives analysis, conceptual design, and public and jurisdictional stakeholder outreach.



Access investment programs are under development for Sounder stations

Schedule

	Start	Finish
Prelim Engineering	Aug 2010	Jun 2013
Final Design	N/A	N/A
Construction	N/A	N/A

Scope/Schedule/Budget Variance

Schedule extended for additional validation of the forecasting model developed during access and demand study and community involvement support.

Major Contracts (\$\$ in thousands)

Vendor	Amount	Scope
URS Corporation	\$698	Planning

Project Cost (\$\$ in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$263	\$188	\$190
Preliminary Engineering	\$798	\$699	\$699
Final Design	\$0	\$0	\$0
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$0	\$0	\$0
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$109	\$0	\$0
Project Total	\$1,170	\$887	\$889

Key Activities

Current Quarter

- Conducted leadership working groups.
- Conducted testing of model on Northgate Station.

Next Quarter

- Project is complete.

Closely Monitored Issues

- None identified at this time.

Sounder Commuter Rail Sounder Yard & Shops Facility

Scope Overview

Final planning and analysis, environmental clearance and preliminary engineering for yard and shop operations and maintenance facilities to support expanded Sounder service. Preliminary project development activities have been completed including final planning, revised cost estimating, and preliminary site studies. Environmental Analysis ongoing.



Amtrak currently provides Sounder vehicle maintenance

Schedule

	Start	Finish
Concept Engineering	Jul 2013	Sep 2014
Final Design	TBD	TBD
Construction	TBD	TBD

Scope/Schedule/Budget Variance

The Board has authorized proceeding incrementally on this project. Schedules and budget for completing preliminary engineering, final design, and construction have not been developed at this time.

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$661	\$169	\$169
Preliminary Engineering	\$5,116	\$2,539	\$786
Final Design	\$0	\$0	\$0
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$300	\$25	\$1
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$6,077	\$2,733	\$956

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
Parson Brinckerhoff	\$2,091	CE/ED

Key Activities

Current Quarter

- Continued conceptual engineering design.
- Executed right of entries on private parcels on east side of railroad right of way to conduct topography surveys and geotechnical site investigations.

Next Quarter

- Conduct topography surveys and geotechnical site investigations on private parcels on east side of railroad right of way.
- Finalize the Basis of Design requirements for the train and engineer crew facility, transportation, and maintenance facilities.

Closely Monitored Issues

- Alignment of project scope with budget.

Sounder Commuter Rail Positive Train Control



Scope Overview

Positive Train Control (PTC) systems are integrated command, control, communications, and information systems for controlling train movements. They improve railroad safety by significantly reducing the probability of collisions between trains, casualties to railway workers and over-speed accidents. Federal regulations require passenger train systems be equipped with PTC systems by December 2015, necessitating upgrades to Sounder wayside signals/communications and information management systems as well as installation of on-board equipment. BNSF is installing wayside PTC elements within the Everett to Tacoma corridor; this project includes wayside elements along the Tacoma to Lakewood corridor and modification of locomotives and cab cars.



Improving safety along the Tacoma-to-Lakewood corridor

Schedule

	Start	Finish
Prelim Engineering	N/A	N/A
Final Design	Jul 2013	Feb 2014
Construction	Mar 2014	Dec 2015

Scope/Schedule/Budget Variance

Delay in project schedule due to extended contract negotiations prior to final execution of the contract.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
Wabtec Corporation	\$34,065	Design/PTC System Install
LTK Engineering Services	\$2,287	CM/Engineering Support Services

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$2,238	\$394	\$476
Preliminary Engineering	\$0	\$0	\$0
Final Design	\$15,035	\$12,346	\$4,609
Third Party Agreements	\$6,348	\$3,900	\$2,510
ROW Acquisition and Permits	\$0	\$0	\$0
Construction	\$27,581	\$22,855	\$6
Construction Services	\$1,852	\$1,517	\$36
Contingency	\$0	\$0	\$0
Project Total	\$53,054	\$41,012	\$7,637

Key Activities

Current Quarter

- Submitted 30% design for wayside infrastructure.
- Initiated environmental process.
- Authorized procurement with Meteorcomm for system software and associated licensing.

Next Quarter

- Initial submittals of the Safety Program, Document Management System, and Systems Reliability Program Plan.

Closely Monitored Issues

- Availability of potential grant funding.
- Coordination of Sound Transit work efforts with BNSF schedule for PTC implementation.
- Completion of project by federal compliance deadline of Dec. 2015.

Scope Overview

Sound Transit contracted with BNSF to complete track and signal improvements required for Sounder service between Seattle and Everett. Sound Transit obtained the environmental permits and was responsible for completing environmental mitigation measures. The environmental permits were obtained by August 2006 and a number of mitigation projects have been completed. Remaining mitigation includes the completion of the Christofferson Fill Pad.



Christofferson Fill Pad has been stabilized for the winter

Schedule

	Start	Finish
Prelim Engineering	N/A	N/A
Final Design	Jan 2007	Aug 2008
Construction	Aug 2010	Oct 2013

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$563	\$514	\$514
Preliminary Engineering	\$1,071	\$1,007	\$1,007
Final Design	\$419	\$199	\$193
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$1,461	\$1,358	\$1,358
Construction	\$3,001	\$1,634	\$1,632
Construction Services	\$0	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$6,515	\$4,712	\$4,704

Scope/Schedule/Budget Variance

None to report at this time.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
Northwest Construction	\$854	CON (Fill Pad)
KBA	On-Call	CM Services
ESA Adolfson	On-Call	Environmental Services

Key Activities

Current Quarter

- Closed-out permits for the Christofferson Fill Pad.

Next Quarter

- Perform maintenance and monitoring at Deer Creek.

Closely Monitored Issues

- None identified at this time.

Sounder Commuter Rail Mukilteo Station, South Platform



Scope Overview

The Mukilteo Station South Platform project includes construction of a second platform, shelter structures, stairs, elevator towers and a pedestrian bridge connecting the south platform with the existing north platform.



Artist's rendering of Mukilteo Station

Schedule

	Start	Finish
Prelim Engineering	Feb 2001	Apr 2005
Final Design	Aug 2007	Sep 2012
Construction	Apr 2013	Oct 2014 Baseline

Scope/Schedule/Budget Variance

The Board has authorized a contract for construction of the South Platform; the project budget and schedule is within the baseline.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
AECOM	\$3,106	FD
CA Carey Corp.	\$6,405	CON
KBA	\$1,500	CM Services

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$1,128	\$409	\$500
Preliminary Engineering	\$0	\$0	\$0
Final Design	\$2,447	\$2,011	\$2,001
Third Party Agreements	\$247	\$0	\$0
ROW Acquisition and Permits	\$3,588	\$3,588	\$328
Construction	\$9,040	\$6,834	\$1,132
Construction Services	\$1,863	\$1,500	\$308
Contingency	\$0	\$0	\$0
Project Total	\$18,313	\$14,342	\$4,269

Key Activities

Current Quarter

- BNSF installed temp track crossings.
- Continued work on submittals and RFIs.
- Cleared tank farm property for site trailers.
- Delivery of steel to construction site.

Next Quarter

- Drilling/installation of shafts.
- Installation of shoring.
- Begin steel construction.

Closely Monitored Issues

- BNSF shoring design approval.
- Change order for contractor delay.
- Mukilteo lane closure activities.

Scope Overview

The Tukwila Station will include permanent boarding platforms with canopies, improved pedestrian access, commuter parking improvements, a bus transfer facility, and secure bicycle parking. The platform will be constructed south of Longacres Way and west of the BNSF railroad tracks.



Artist's rendering of Tukwila Station

Schedule

	Start	Finish
Prelim Engineering	Jul 2007	Aug 2009
Final Design	Jan 2012	Sep 2012 Rev Baseline
Construction	May 2013	Oct 2014 Rev Baseline

Scope/Schedule/Budget Variance

The project was rebaselined within the current adopted budget to reflect the revised design and construction schedule, due to the station location re-design.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
KPFF	\$5,137	PE/ED/FD
Lin & Associates	\$1,379	CM Services
Absher	\$15,601	CON

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$2,773	\$948	\$1,076
Preliminary Engineering	\$1,101	\$1,101	\$1,101
Final Design	\$4,724	\$4,242	\$4,277
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$11,009	\$10,403	\$10,342
Construction	\$24,281	\$17,895	\$7,527
Construction Services	\$2,081	\$1,561	\$617
Contingency	\$0	\$0	\$0
Project Total	\$45,969	\$36,150	\$24,940

Key Activities

Current Quarter

- Began construction activities.
- Clearing and grading of site for new parking lot.
- Began construction of ancillary building.
- Completed preloading and settlement for the new East platform.
- Installed drainage system and box culvert.

Next Quarter

- Closure of platform.
- Construction of bus loop.
- Completion of parking lot.
- Continue construction of ancillary building.

Closely Monitored Issues

- Coordination on platform closures between BNSF, ST, and Amtrak.
- Removal of City of Renton spoils stockpile.
- Coordination with King County Metro on F-line progress and utilities.

Sounder Commuter Rail Tacoma Trestle Track & Signal



Scope Overview

ST2 identified the replacement of the single tracked Tacoma Trestle with a structure capable of accommodating double tracking to improve passenger and commuter rail service reliability and reduce delays for freight movement through Tacoma. Funding will be from the federal Tiger Grant for additional design services and construction.



Project will replace existing Tacoma train trestle

Schedule

	Start	Finish
Conceptual Engineering	Aug 2013	Mar 2014
Final Design	TBD	TBD
Construction	TBD	TBD

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$353	\$211	\$211
Preliminary Engineering	\$1,517	\$1,402	\$582
Final Design	\$0	\$0	\$0
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$5,026	\$322	\$151
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$6,896	\$1,935	\$944

Scope/Schedule/Budget Variance

None to report at this time.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
David Evans & Associates	\$1,356	PE/ED

Key Activities

Current Quarter

- Conducted Geotechnical investigations.
- Continued work on conceptual engineering on structural and track design options.

Next Quarter

- Continue work on conceptual engineering on structural and track design options.
- Schedule Public Informational meeting in February 2014.
- Authorization in February 2014 to amend the consultant's contract for preliminary engineering design services.
- Authorization in February 2014 to approve a 2014 budget amendment.

Closely Monitored Issues

- None identified at this time.

Sounder Commuter Rail Puyallup Station Improvements

Scope Overview

Preliminary engineering for access improvements identified for the Puyallup Station through the Station Access and Demand Study. Improvements may include additional parking facilities, pedestrian access improvements, bicycle lane or path improvements near the station, secure bicycle storage, additional bus/transfer facilities at or near the station, transit speed and reliability improvements on bus routes serving the station, expanded or new kiss-and-ride facilities and off-site parking along bus routes providing peak commute service to the station. Project scope will be determined with the concurrence of community and municipal stakeholders, following completion of conceptual engineering.



Improving access to Puyallup Station

Schedule

	Start	Finish
Prelim Engineering	Jun 2013	Mar 2015
Final Design	TBD	TBD
Construction	TBD	TBD

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$124	\$78	\$78
Preliminary Engineering	\$454	\$402	\$156
Final Design	\$0	\$0	\$0
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$0	\$0	\$0
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$578	\$480	\$234

Scope/Schedule/Budget Variance

None to report at this time.

Major Contracts

(\$s in thousands)

Vendor	Amount	Scope
Parametrix	\$402	PE

Key Activities

Current Quarter

- Continued evaluation and development of access improvements and preliminary engineering.

Next Quarter

- Continue evaluation and development of access improvement and preliminary engineering.

Closely Monitored Issues

- None identified at this time.

Sounder Commuter Rail Sumner Station Improvements



Scope Overview

Preliminary engineering for access improvements identified for the Sumner Station through the Station Access and Demand Study. Improvements may include additional parking facilities, pedestrian access improvements, bicycle lane or path improvements near the station, secure bicycle storage, additional bus/transfer facilities at or near the station, transit speed and reliability improvements on bus routes serving the station, expanded or new kiss-and-ride facilities and off-site parking along bus routes providing peak commute service to the station. Project scope will be determined with the concurrence of community and municipal stakeholders, following completion of conceptual engineering.



Improving access to Sumner Station

Schedule

	Start	Finish
Prelim Engineering	Apr 2013	Mar 2015
Final Design	TBD	TBD
Construction	TBD	TBD

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$124	\$76	\$76
Preliminary Engineering	\$454	\$402	\$156
Final Design	\$0	\$0	\$0
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$0	\$0	\$0
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$578	\$478	\$232

Scope/Schedule/Budget Variance

None reported at this time.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
Parametrix	\$402	PE

Key Activities

Current Quarter

- Advertised and initiated consultant negotiations for evaluation and development of access improvements and conceptual engineering.

Next Quarter

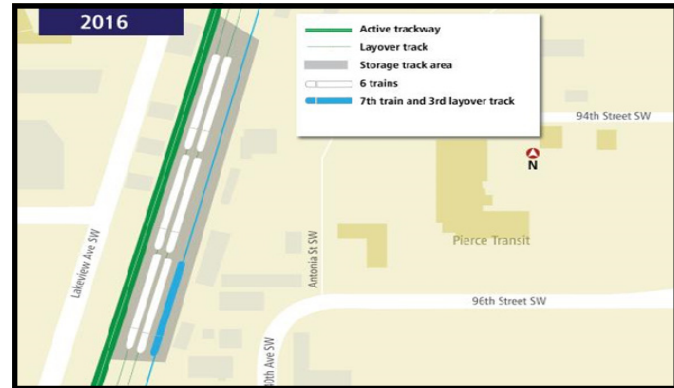
- Award consultant contract and initiate evaluation and development of access improvements and conceptual engineering.

Closely Monitored Issues

- None identified at this time.

Scope Overview

The Sounder Yard Expansion project is to design and construct a third storage track and civil improvements to accommodate seven Sounder train sets at the Lakewood layover facility. This additional storage capacity is necessary when additional Sounder South trains, approved in ST2, begin between Tacoma and Seattle in 2016 in advance of completion of the Sounder Yard & Shops project.



Sounder Yard Expansion will increase storage capacity for Sounder 7th train set

Schedule

	Start	Finish
Prelim Engineering	Jul 2013	Dec 2013
Final Design	Mar 2014	Dec 2015
Construction	Oct 2015	Nov 2016

Scope/Schedule/Budget Variance

None to report at this time.

Major Contracts (\$s in thousands)

Vendor	Amount	Scope
Parametrix	\$449	PE/ED

Project Cost (\$s in thousands)

Phase	Adopted Lifetime Budget	Commitment to Date	Incurred to Date
Administration	\$135	\$63	\$63
Preliminary Engineering	\$700	\$449	\$244
Final Design	\$0	\$0	\$0
Third Party Agreements	\$0	\$0	\$0
ROW Acquisition and Permits	\$0	\$0	\$0
Construction	\$0	\$0	\$0
Construction Services	\$0	\$0	\$0
Contingency	\$0	\$0	\$0
Project Total	\$835	\$512	\$307

Key Activities

Current Quarter

- Received approved NEPA/DCE environmental document by FTA.
- Published the State Environmental Policy Act (SEPA) checklist.
- Met with Lakewood Light & Power, Water District, Fire Department, PSE, and AT&T regarding preliminary utility requirements and conflicts on the project site.
- Submitted 30% preliminary engineering designs.

Next Quarter

- Review of 30% preliminary design and prepare response.

Closely Monitored Issues

- None identified at this time.